

SECRET

PRIORITY

1967 AUG 24 00 31 Z

OUT62931

P 232255Z AUG 67
 FM NPIC WASH DC
 TO AIG NINE SEVEN SIX EXCEPT [REDACTED]
 RUEPJS/DIA PRODCEN
 RUEPJS/NIC
 BT
 S E C R E T CITE NPIC 1588.

PREFACE
 THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS
 OF BLACK SHIELD MISSION BX6715, 21 AUGUST 1967.

--((THE FOLLOWING TEXT IDENTICAL TO MISSION LISTED ABOVE))--

S E C R E T

END OF MESSAGE

Declass Review by NGA

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SECRET

PREFACE

OUT62951

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS
OF BLACK SHIELD MISSION BX6716, 21 AUGUST 1967.
THE HEADER LINE FOR EACH TARGET, READING FROM LEFT TO RIGHT,
CONTAINS THE TARGET NAME, COUNTRY CODE, GEOGRAPHIC COORDINATES,
AND COMIREX NUMBER.

PHOTO REFERENCE DATA INCLUDES FRAME NUMBERS AND SYMBOLS DENOTING
LIMITING CONDITIONS, PHOTO INTERPRETABILITY, TARGET COVERAGE AND
MODE.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE
OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C @CLEAR@, SC
@SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@, H @HAZE@,
CS @CLOUD SHADOW@, SD @SEMI-DARKNESS@, GC @GROUND COVER@, CF
@CAMOUFLAGE@, O @OBLIQUITY@, AND GR @GROUND RESOLUTION@.
INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD@,
F @FAIR@, OR P @POOR@. THE EXTENT OF TARGET COVERAGE IS
DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@. THE MODE OF
COVERAGE IS SIGNIFIED BY ST @STEREO@, NS @NONSTEREO@, OR PS
@PARTIAL STEREO@.

HIGHLIGHTS

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR
FACILITIES OBSERVED.

A TOTAL OF 108 SA-2 SITES ARE IDENTIFIED AS FOLLOWS -- 14 ARE
OCCUPIED, 69 ARE UNOCCUPIED (ONE IS NEWLY IDENTIFIED), AND 25
CAN BE IDENTIFIED ONLY.

HA NOI IS COVERED ON CLEAR, GOOD QUALITY PHOTOGRAPHY. HAI PHONG
IS COVERED ON THIS MISSION, HOWEVER, INTERPRETABILITY IS
LIMITED BY CLOUDS AND HAZE.

MISSILES

HA NOI SAM SEARCH VN 2102N 10551E [REDACTED]
ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY. NO NEW
MISSILES OR MISSILE-ASSOCIATED ACTIVITY OBSERVED.

25X1

[REDACTED] LAO CAI SAM SEARCH VN 2229N 10359E [REDACTED]
APPROXIMATELY 60 PERCENT OF THE SEARCH AREA OBSERVED
THROUGH SCATTERED CLOUDS. NO MISSILES OR
MISSILE-ASSOCIATED EQUIPMENT OBSERVED.

25X1
25X1

[REDACTED] DIEN BIEN PHU SAM SEARCH VN 2123N 10301E [REDACTED]
NO EVIDENCE OF MISSILES OR MISSILE-ASSOCIATED EQUIPMENT
OBSERVED.

25X1
25X1

[REDACTED] CAO BANG SAM SEARCH AREA VN 2240N 10615E [REDACTED]
NO NEW SAM SITES OBSERVED IN CLOUD-FREE AREAS.

25X1
25X1

[REDACTED] HA NOI SAM SITE A10-2 @14# VN 2101N 10558E [REDACTED]
SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS,
AN OCCUPIED REVETTED GUIDANCE AREA WITH RADAR AND 7
VANS, AND 3 MISSILE-HOLD AREAS @2 WITH TENTS@.
OB -- 6 SA-2 MISSILES AND 1 GUIDANCE RADAR WITH 7 VANS.

25X1
25X1

[REDACTED] HA NOI SAM SITE A19-2 @15# VN 2055N 10558E [REDACTED]
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS @5
OCCUPIED@ AND A REVETTED OCCUPIED GUIDANCE AREA WITH A
PROBABLE FAN SONG RADAR, 4 VANS, AND 2 TRUCKS. TWO
VEHICLES ARE OBSERVED IN THE ON-SITE SUPPORT AREA.
OB -- 5 SA-2 MISSILES AND 1 PROBABLE FAN SONG RADAR
WITH 4 VANS.

25X1
25X1

[REDACTED] HA NOI SAM SITE A29-2 @4# VN 2104N 10541E [REDACTED]
SITE CONSISTS OF 6 OCCUPIED REVETTED POSITIONS @3 WITH
MISSILES, 3 WITH LAUNCHERS ONLY@, AN OCCUPIED GUIDANCE
AREA WITH RADAR AND 4 VANS, AND A REVETTED ACQUISITION
RADAR. TWO MISSILE-HOLD AREAS @1 AND 1 PROBABLE FAN SONG RADAR
WITH 4 VANS.

25X1
25X1

UNIDENTIFIED MATERIAL.

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RADAR, 1 ACQUISITION RADAR, AND 4 VANS.

25X1
25X1

HA NOI SAM SITE B04-2 Q5# VN 2111N 10559E [REDACTED]
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS Q5 OCCUPIED, A REVETTED GUIDANCE AREA WITH RADAR AND 7 VANS, AND 3 MISSILE-HOLD POSITIONS Q2 WITH UNIDENTIFIED EQUIPMENT.

OB -- 5 SA-2 MISSILES AND 1 GUIDANCE RADAR WITH 7 VANS.

25X1
25X1

HA NOI SAM SITE B12-2 Q3# VN 2056N 10604E [REDACTED]
SITE IS UNOCCUPIED.

25X1
25X1

HA NOI SAM SITE B25-2 Q11# VN 2054N 10536E [REDACTED]
SITE IS UNOCCUPIED.

25X1
25X1

HA NOI SAM SITE B29-2 Q17# VN 2104N 10539E [REDACTED]
SITE IS UNOCCUPIED.

25X1
25X1

HA NOI SAM SITE B30-2 Q16# VN 2106N 10539E [REDACTED]
SITE IS UNOCCUPIED.

25X1
25X1

HA NOI SAM SITE C29-2 Q6# VN 2110N 10522E [REDACTED]
SITE IS UNOCCUPIED.

25X1
25X1

HA NOI SAM SITE C30-2 Q7# VN 2113N 10521E [REDACTED]
SITE IS UNOCCUPIED.

25X1
25X1

HA NOI SAM SITE B21-2 Q2# VN 2051N 10545E [REDACTED]
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS Q5 WITH MISSILES, 1 WITH OCCUPANCY UNDETERMINED, AND AN OCCUPIED REVETTED GUIDANCE AREA WITH RADAR AND 5 VANS. ONE MISSILE-HOLD POSITION CONTAINS UNIDENTIFIED OBJECTS.

OB -- 5 SA-2 MISSILES AND 1 GUIDANCE RADAR WITH 5 VANS.

25X1
25X1

HA NOI SAM SITE C28-2 Q13# VN 2105N 10529E [REDACTED]
SITE IS UNOCCUPIED.

25X1
25X1

HA NOI SAM SITE D31-2 Q8# VN 2121N 10522E [REDACTED]
SITE IS UNOCCUPIED.

25X1
25X1

HA NOI SAM SITE A11-2 Q9# VN 2100N 10555E [REDACTED]
SITE IS UNOCCUPIED.

25X1
25X1

HA NOI SAM SITE A24-2 Q19# VN 2056N 10543E [REDACTED]
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS Q4 WITH MISSILES, 2 WITH LAUNCHERS ONLY, AN OCCUPIED REVETTED GUIDANCE AREA WITH RADAR AND 6 VANS, AND A REVETTED ACQUISITION RADAR. ONE MISSILE-HOLD POSITION CONTAINS UNIDENTIFIED OBJECTS.

OB -- 6 LAUNCHERS Q4 WITH MISSILES, 1 GUIDANCE RADAR WITH 6 VANS, AND 1 ACQUISITION RADAR.

25X1
25X1

HA NOI SAM SITE D31A-2 Q28# VN 2124N 10517E [REDACTED]
SITE IS UNOCCUPIED.

25X1
25X1

HA NOI SAM SITE D16-2 Q24# VN 2034N 10607E [REDACTED]
SITE IS UNOCCUPIED.

25X1
25X1

HA NOI SAM SITE D36-2 Q39# VN 2132N 10547E [REDACTED]
SITE IS UNOCCUPIED.

25X1
25X1

HA NOI SAM SITE C06-2 Q32# VN 2119N 10615E [REDACTED]
SITE IS UNOCCUPIED.

25X1

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HA NOI SAM SITE E07-2 Q31# VN 2122N 10635E 25X1
SITE IS UNOCCUPIED.

HA NOI SAM SITE E07-2 Q31# VN 2122N 10635E 25X1
IDENTIFICATION ONLY.

TEN BAI SAM SITE B12-2 Q116# VN 2136N 10587E 25X1
SITE IS UNOCCUPIED.

TEN BAI SAM SITE C17-2 Q208# VN 2123N 10517E 25X1
SITE IS UNOCCUPIED.

TEN BAI SAM SITE B18-2 Q227# VN 2138N 10512E 25X1
IDENTIFICATION ONLY.

HAI PHONG SAM SITE A29-2 W21# VN 2052N 10634E 25X1
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE A28-2 Q25# VN 2044N 10639E 25X1
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE A17-2 Q34# VN 2047N 10642E 25X1
IDENTIFICATION ONLY.

HAI PHONG SAM SITE A29A-2 Q37# VN 2053N 10631E 25X1
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE B33-2 W38# VN 2107N 10630E 25X1
IDENTIFICATION ONLY.

HAI PHONG SAM SITE C32-2 Q58# VN 2106N 10623E 25X1
IDENTIFICATION ONLY.

HAI PHONG SAM SITE C32A-2 W59# VN 2106N 10622E 25X1
IDENTIFICATION ONLY.

HAI PHONG SAM SITE B28-2 W60# VN 2052N 10620E 25X1
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE B30-2 Q61# VN 2059N 10621E 25X1
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE A23-2 Q66# VN 2045N 10635E 25X1
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE A31-2 Q70# VN 2054N 10636E 25X1
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE A33-2 Q71# VN 2056N 10636E 25X1
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE C38-2 Q72# VN 2101N 10619E 25X1
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE C28-2 Q73# VN 2053N 10617E 25X1
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE A02-2 Q85# VN 2056N 10642E 25X1
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE A17A-2 Q86# VN 2042N 10644E 25X1
IDENTIFICATION ONLY.

HAI PHONG SAM SITE Q35-2 Q89# VN 2121N 10639E 25X1
IDENTIFICATION ONLY.

25X1
25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE B38A-2 Q43H VN 2108N 10535E

25X1
25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C38A-2 Q44H VN 2112N 10521E

25X1

IDENTIFICATION ONLY.

HA NOI SAM SITE A17A-2 Q45H VN 2052N 10554E

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C30C-2 Q51H VN 2114N 10523E

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C01-2 Q53H VN 2125N 10551E

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C05-2 Q62H VN 2117N 10605E

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C04-2 Q54H VN 2124N 10611E

25X1

IDENTIFICATION ONLY.

HA NOI SAM SITE C02-2 Q56H VN 2122N 10558E

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C04A-2 Q57H VN 2128N 10608E

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C01A-2 Q63H VN 2129N 10554E

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE B33-2 Q64H VN 2118N 10544E

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C06A-2 Q78H VN 2115N 10616E

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C13-2 Q81H VN 2045N 10613E

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C11-2 Q84H VN 2055N 10615E

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C12-2 Q88H VN 2052N 10611E

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C38D-2 Q92H VN 2112N 10530E

25X1

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS Q4 WITH
MISSILES, 1 WITH LAUNCHER ONLYH AND AN OCCUPIED
REVETTED GUIDANCE AREA WITH RADAR AND 4 VANS.
OB -- 5 SA-2 LAUNCHERS Q4 WITH MISSILESH AND 1 GUIDANCE
RADAR WITH 4 VANS.

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE B07-2 Q95H VN 2108N 10609E

25X1
25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C38F-2 Q114H VN 2111N 10521E

25X1
25X1

SITE IS UNOCCUPIED.

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HOA BINH SAM SITE 08-2 Q212# VN 2052N 1053
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE D35A-2 Q97# VN 2123N 10634E
SITE CONTAINS 4 UNOCCUPIED LAUNCH POSITIONS, 2
POSITIONS WITH OCCUPANCY UNDETERMINED, AND AN
UNOCCUPIED CENTRAL GUIDANCE AREA.

HAI PHONG SAM SITE A27-2 Q99# VN 2051N 10637E
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE B34-2 Q104# VN 2104N 10634E
IDENTIFICATION ONLY.

HAI PHONG SAM SITE A14-2 Q137# VN 2049N 10643F
IDENTIFICATION ONLY.

HAI PHONG SAM SITE D23-2 Q174# VN 2028N 10614E
IDENTIFICATION ONLY.

HAI PHONG SAM SITE B27-2 Q289# VN 2049N 10623E
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE A31A-2 Q219# VN 2054N 10635E
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE A14A-2 Q228# VN 2049N 10643E
IDENTIFICATION ONLY.

HAI PHONG SAM SITE C29-2 Q223# VN 2056N 10619E
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE C27-2 Q224# VN 2050N 10617E
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE C26-2 Q229# VN 2047N 10617E
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE B25-2 Q238# VN 2044N 10622E
SITE IS UNOCCUPIED.

HA NOI SAM SITE B01-2 Q119# VN 2117N 10553E
SITE IS UNOCCUPIED.

HA NOI SAM SITE C33-2 Q120# VN 2118N 10537E
SITE IS UNOCCUPIED.

HA NOI SAM SITE B01A-2 Q124# VN 2114N 10553E
SITE IS UNOCCUPIED.

HA NOI SAM SITE A33-2 Q125# VN 2109N 10546E
SITE IS UNOCCUPIED.

HA NOI SAM SITE C01B-2 Q128# VN 2128N 10552E
SITE IS UNOCCUPIED.

HA NOI SAM SITE A01-2 Q133# VN 2107N 10552E
SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS
Q4 WITH MISSILES, 2 WITH LAUNCHERS ONLY#, AN OCCUPIED
REVETTED GUIDANCE AREA WITH 5 VANS, AND A REVETTED
ACQUISITION RADAR WITH 2 VANS.

OB -- 6 SA-2 LAUNCHERS Q4 WITH MISSILES#, 1 GUIDANCE
RADAR WITH 5 VANS, AND 1 ACQUISITION RADAR WITH 2 VANS.

25X1
25X1

25X1

25X1

25X1

25X1

25X1

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25X1

25X1
25X1

25X1

25X1

25X1

25X1

25X1

25X1

HA NOI SAM SITE C03-2 Q138# VN 2121N 10600E

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25X1

HA NOI SAM SITE C03A-2 Q141# VN 2119N 10602E
IDENTIFICATION ONLY.

25X1

HA NOI SAM SITE A14-2 Q142# VN 2056N 10558E
SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS
AND AN OCCUPIED REVETTED GUIDANCE AREA WITH RADAR AND 6
VANS.

OB -- 6 SA-2 MISSILES AND 1 GUIDANCE RADAR WITH 6 VANS.

25X1

HA NOI SAM SITE C32-2 Q143# VN 2119N 10531E
SITE IS UNOCCUPIED.

25X1

HA NOI SAM SITE B32-2 Q146# VN 2115N 10535E
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS Q3 WITH
MISSILES, 2 WITH LAUNCHERS ONLY# AND A REVETTED
GUIDANCE AREA WITH RADAR AND 4 VANS.
OB -- 5 SA-2 LAUNCHERS Q3 WITH MISSILES# AND 1 GUIDANCE
RADAR WITH 4 VANS.

25X1

HA NOI SAM SITE B07A-2 Q148# VN 2109N 10608E
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS WITH
POSSIBLE MISSILES, AND A REVETTED PROBABLE GUIDANCE
RADAR WITH AT LEAST 3 VANS.
OB -- 6 POSSIBLE SA-2 MISSILES AND 1 PROBABLE GUIDANCE
RADAR WITH 3 VANS.

25X1

HA NOI SAM SITE C17-2 Q147# VN 2036N 10601E
SITE IS UNOCCUPIED.

25X1

HA NOI SAM SITE A31-2 Q159# VN 2104N 10546E
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS Q4 WITH
MISSILES, 2 WITH LAUNCHERS ONLY#, AN OCCUPIED GUIDANCE
AREA WITH RADAR AND 6 VANS, AND A REVETTED ACQUISITION
RADAR. NO OTHER EQUIPMENT OBSERVED.

OB -- 6 SA-2 LAUNCHERS Q4 WITH MISSILES#, 1 GUIDANCE
RADAR WITH 6 VANS AND 1 ACQUISITION RADAR.

25X1

HA NOI SAM SITE B16-2 Q162# VN 2049N 10557E
SITE IS UNOCCUPIED.

25X1

HA NOI SAM SITE C17B-2 Q165# VN 2033N 10600E
IDENTIFICATION ONLY.

25X1

HA NOI SAM SITE C16-2 Q166# VN 2041N 10605E
SITE IS UNOCCUPIED.

25X1

HA NOI SAM SITE A05-2 Q158# VN 2108N 10558E
SITE IS UNOCCUPIED.

25X1

HA NOI SAM SITE C03B-2 Q167# VN 2121N 10600E
IDENTIFICATION ONLY.

25X1

HA NOI SAM SITE D31C-2 Q131# VN 2124N 10517E
SITE IS UNOCCUPIED.

25X1

HA NOI SAM SITE B27-2 Q188# VN 2059N 10533E
SITE IS UNOCCUPIED.

25X1

HA NOI SAM SITE B13-2 Q184# VN 2058N 10605E
SITE IS UNOCCUPIED.

25X1

HA NOI SAM SITE B28-2 Q189# VN 2121N 10532E
SITE IS UNOCCUPIED.

25X1

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HA NOI SAM SITE B81A-2 Q186N VN 2138N 10552E [REDACTED] 25X1
SITE IS UNOCCUPIED.

HA NOI SAM SITE Q205N VN 2128N 10555E [REDACTED] 25X1
IDENTIFICATION ONLY.

HA NOI SAM SITE C29A-2 Q211N VN 2108N 10527E [REDACTED] 25X1
SITE IS UNOCCUPIED.

HA NOI SAM SITE B34A-2 Q234N VN 2113N 10545E [REDACTED] 25X1
SITE CONSISTS OF 4 OCCUPIED UNREVETTED LAUNCH POSITIONS
AND AN UNREVETTED GUIDANCE AREA WITH OCCUPANCY
UNDETERMINED.
OB -- 4 SA-2 MISSILES.

HA NOI PROB SAM EQPT TRNG AREA VN 2127N 10555E [REDACTED] 25X1
IDENTIFICATION ONLY.

NA SAN SAM SITE A12-2 Q232N VN 2109N 10488E [REDACTED] 25X1
SITE IS UNOCCUPIED.

HA NOI SAM SITE 237 QNEWN VN 2108N 10525E NO COMOR
25 NM WNW OF HA NOI AT UTM WJ440373.
NEWLY IDENTIFIED SAM SITE CONSISTS OF 4 UNOCCUPIED,
UNREVETTED LAUNCH POSITIONS AND AN UNOCCUPIED,
UNREVETTED GUIDANCE AREA.

HAI PHONG SAM SITE Q236N VN 2053N 10633E NO COMOR
SITE CONSISTS OF 3 OCCUPIED UNREVETTED LAUNCH POSITIONS
AND AN OCCUPIED GUIDANCE AREA.
OB -- 3 SA-2 MISSILES AND 1 GUIDANCE RADAR.

MENG-TZU AIRFIELD WEST CH 2323N 10320E [REDACTED] 25X1
IDENTIFICATION ONLY.

HAIPHONG/CAT BI AIRFIELD VN 2049N 10643E [REDACTED] 25X1
IDENTIFICATION ONLY.

HAIPHONG/KIEN AN AIRFIELD VN 2048N 10636E [REDACTED] 25X1
NO APPARENT CHANGE IN FACILITIES

AIRCRAFT -- NONE OBSERVED.

HANOI/BAC MAI AIRFIELD VN 2059N 10550E [REDACTED] 25X1
NO APPARENT CHANGE IN FACILITIES

OB -- 2 SMALL DERELICT STRAIGHT-WING.

HANOI/GIA LAM AIRFIELD VN 2102N 10553E [REDACTED] 25X1
FOUR ALERT REVETMENTS AT THE SSW END OF NNE/SSW RUNWAY
ARE BEING COVERED. TWO OF THESE ARE COMPLETE AND 2
REMAIN UNDER CONSTRUCTION.
OB -- 10 FAGOT/FRESCO, 4 CRATE, 4 COLT, 1 CREEK, 1
HOOK, 1 HOUND, AND 1 POSSIBLE CAB FUSELAGE.

PHUC YEN AIRFIELD VN 2113N 10548E [REDACTED] 25X1
SEVEN AIRCRAFT REVETMENTS LOCATED ALONG THE PARALLEL
TAXIWAY ARE BEING COVERED. FOUR OF THESE ARE COMPLETED
AND 3 ARE UNDER CONSTRUCTION.
OB -- 11 FAGOT/FRESCO, 1 PROBABLE FAGOT/FRESCO, 3
DUMMY/DECAY, AND 1 HOUND ON THE OLD PHUC YEN AIRFIELD

RUNWAY~~a~~. SIX FAGOT/FRESCO ARE OBSERVED IN A DISPERSAL AREA APPROXIMATELY 2006N 10645E, CHARD 78B03817A000700040002. HAZE PRECLUDES IDENTIFICATION OF 2 ADDITIONAL MIG 15/17

AIRCRAFT REPORTED ON

AT UTM WJ872538.

25X1

25X1

25X1

25X1

KEP AIRFIELD VN 2124N 10616E [REDACTED]
IDENTIFICATION ONLY.

25X1

YEN BAI AIRFIELD VN 2143N 10451E [REDACTED]
MINOR CONSTRUCTION CONTINUES. OBLIQUITY PRECLUDES DETAILED INTERPRETATION.

25X1

HOA LAC AIRFIELD VN 2101N 10530E [REDACTED]
CONSTRUCTION CONTINUES ON THE ROOFING BEING PLACED OVER THE ALERT REVETMENTS. ONE OF THESE IS COMPLETED AND 3 ARE IN MIDSTAGES OF CONSTRUCTION AT THE NW END OF THE RUNWAY.

25X1

OB -- 2 FAGOT/FRESCO WITHOUT TAIL SECTIONS AND 2 DUMMY/DECOY.

25X1

[REDACTED] THO KHOI HELICOPTER DISPERSAL AREA VN 2100N 10554E NO COMOR
OB -- 2 HOOK AND 7 HOUND.

25X1

[REDACTED] KEP HA AIRFIELD VN 2122N 10640 NO COMOR
NO APPARENT CHANGE IN FACILITIES [REDACTED]

25X1

OB -- 1 STRAIGHT-WING AIRCRAFT.

25X1

[REDACTED] HA NOI HELICOPTER DISPERSAL AREA VN 2105N 10549E NO COMOR
OB -- 3 HOOK.

25X1

[REDACTED] NAVAL ACTIVITY/PORTS
HAI PHONG PORT FACILITIES VN 2052N 10642E [REDACTED]
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED. HAZE PRECLUDES IDENTIFICATION OF NAVAL VESSELS.
VESSELS -- 6 GENERAL CARGO AND 1 LARGE HATCH VESSEL OBSERVED.

25X1

[REDACTED] MILITARY ACTIVITY
MA-LI-PO SUPPLY DEPOT CH 2307N 10443E [REDACTED]
IDENTIFICATION ONLY.

25X1

[REDACTED] PING-HSIANG AMMUNITION DEPOT CH 2208N 10645E [REDACTED]
NO APPARENT CHANGE SINCE [REDACTED]

25X1

[REDACTED] PING-HSIANG ARMY DEPOT CH 2205N 10645E [REDACTED]
NO APPARENT CHANGE SINCE [REDACTED]
OB -- 21 TRUCKS.

25X1

[REDACTED] HA GIANG MILITARY AREA VN 2249N 10459E [REDACTED]
NO INDICATION OF TROOP OR SUPPLY BUILD-UP OBSERVED. NO COMMUNICATIONS FACILITIES NOTED. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.
OB -- 1 CARGO TRUCK PARKED IN THE WAREHOUSE AREA.

25X1

[REDACTED] VAN HOI MILITARY AREAS VN 2131N 10454E [REDACTED]
THREE AREAS REFERENCED FROM VAN HOI.
AREA A 04 NM SE AT UTM VJ981802 -- ALL BUILDINGS DISMANTLED. AREA [REDACTED] OVERGROWN.
AREA B 04.3 NM SSE AT UTM VJ982704 -- ALL BUILDINGS DISMANTLED. AREA [REDACTED] OVERGROWN.

25X1

HO-KOU ARMY BARRACKS NORTH CH 2232N 10357E [REDACTED]
 NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
 PREVIOUSLY UNREPORTED FEATURES OBSERVED. NO INDICATION
 OF TROOP OR SUPPLY BUILD-UP OBSERVED.
 OB -- 11 TRUCKS.

25X1
25X1

LOC BINH ARMY SUPPLY DEPOT VN 2145N 10656E [REDACTED]
 STORAGE AREA CONTAINS 2 PROBABLE ADMINISTRATION
 BUILDINGS AND APPROXIMATELY 30 STORAGE BUILDINGS.
 NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1
25X1

BAC GIANG MILITARY AREA VN 2117N 10612E [REDACTED]
 INSTALLATION IS LOCATED AT UTM XJ248542. IT CONTAINS
 APPROXIMATELY 15 STORAGE-TYPE BUILDINGS AND DOES NOT
 APPEAR TO BE A MILITARY INSTALLATION. THE PREVIOUSLY
 REPORTED AREA AT UTM XJ246537 HAS APPARENTLY BEEN
 DISMANTLED.

25X1
25X1

TSA-TI-PAO ROAD CH 2302N 10341E [REDACTED]
 ROAD IS COVERED ON INTERPRETABLE PHOTOGRAPHY FROM
 22-30N 103-58E TO 22-41N 103-46E. NO NEW CONSTRUCTION
 OBSERVED. APPROXIMATELY 25 TRUCKS ARE PARKED SW OF THE
 ROAD AT 22-31-58N 103-56-28E. APPROXIMATELY 12 TRUCKS
 ARE OBSERVED IN A TRUCK PARK LOCATED NE OF THE ROAD AT
 22-32-50N 106-56-10E.

25X1
25X1

WU-PU-CHIEH ROAD CONSTRUCTION CH 2314N 10454E [REDACTED]
 IDENTIFICATION ONLY.

25X1
25X1

HA NOI/LAO CAI RR SEGMENT 2 VN 2200N 10433E [REDACTED]
 IDENTIFICATION ONLY.

25X1
25X1

HA NOI/LAO CAI RR SEGMENT 1 VN 2220N 10410E [REDACTED]
 APPROXIMATELY 75 PERCENT OF THE SEGMENT OBSERVED, FROM
 22-16N 104-16E TO 22-30N 103-58E. FORTY-THREE PIECES
 OF ROLLING STOCK AND 1 LOCOMOTIVE OBSERVED IN THE LAO
 CAI RAILYARD AT 22-29N 103-58E.

25X1
25X1

HA NOI/LAO CAI RR SEGMENT 3 VN 2140N 10456E [REDACTED]
 AREA OBSERVED FROM 21-40N 104-56E TO 21-23N 105-15E.
 OBLIQUITY PRECLUDES DETERMINATION OF RAIL TRAFFIC AND
 SERVICEABILITY OF THE RAIL LINE.

25X1
25X1

HA NOI/PING-HSIANG RR SEGMENT 2 VN 2132N 10627E [REDACTED]
 RAIL SEGMENT OBSERVED FROM 21-22N 106-15E TO 21-42N
 106-40E. SERVICEABILITY CANNOT BE DETERMINED DUE TO
 OBLIQUITY AND SCATTERED CLOUDS. TWO PROBABLE
 LOCOMOTIVES AND APPROXIMATELY 60 PIECES OF ROLLING
 STOCK OBSERVED IN THE RAILYARD AT 21-39-04N 106-34-56E.
 APPROXIMATELY 25 PIECES OF ROLLING STOCK OBSERVED IN
 THE RAILYARD AT 21-35-55N 106-32-10E.

25X1
25X1

HA NOI/PING-HSIANG RR SEGMENT 1 VN 2145N 10644E [REDACTED]
 RAIL SEGMENT OBSERVED INTERMITTENTLY FROM 21-42N
 106-40E TO 21-58N 106-43E. SERVICEABILITY IS
 UNDETERMINED DUE TO SCATTERED CLOUDS. AT LEAST 25
 PIECES OF ROLLING STOCK OBSERVED IN THE RAILYARD AT
 21-56-25N 106-42-05E.

25X1
25X1

HA NOI/PING-HSIANG RR SEGMENT 3 VN 2110N 10604E [REDACTED]
 ENTIRE SEGMENT OBSERVED THROUGH HAZE. APPROXIMATELY
 147 PIECES OF ROLLING STOCK AND 4 LOCOMOTIVES ARE
 OBSERVED.

25X1
25X1

25X1
25X1

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RAIL LINE OBSERVED FROM 21-23-35N 105-15-00E TO 21-18-30N 105-36-30E. SIXTEEN PIECES OF ROLLING STOCK OBSERVED AT 21-50-00N 105-17-30E. RAIL APPEARS TO BE UNSERVICEABLE AT THIS POINT. THIRTEEN PIECES OF ROLLING STOCK OBSERVED AT VIET TRI RAILROAD YARD. CABLES ARE NOW INTACT AT THE VIET TRI RAILWAY/HIGHWAY BRIDGE QBE NO 0616-00017H, HOWEVER, SERVICEABILITY OF THIS BRIDGE IS UNDETERMINED. THE RAIL LINE IS UNSERVICEABLE AT 21-18-20N 105-36-30E.

25X1
25X1

HA NOI/LAO CAI RR SEGMENT 5 VN 2110N 10548E [REDACTED]
ENTIRE SEGMENT IS COVERED ON PHOTOGRAPHY. THE RAIL LINE AND BRIDGES ARE SERVICEABLE WITH THE EXCEPTION OF A RAILROAD BRIDGE AT 21-15-30N 105-41-30E, WHICH IS UNSERVICEABLE. NO MOVING TRAINS NOTED. ONE HUNDRED AND ONE CARS AND 2 LOCOMOTIVES OBSERVED.

25X1
25X1

PING-HSIANG/HA NOI RR SEGMENT 4 CH 2202N 10643E [REDACTED]
NO NEW CONSTRUCTION, COMMUNICATIONS FACILITIES, OR MILITARY ACTIVITY OBSERVED. FOR RAIL TRAFFIC SEE PING-HSIANG RR TRANSLOADING YARD STATION AND SHOPS AND DONG DANG COMPLEX.

25X1

PING-HSIANG STORAGE AREA NORTH CH 2207N 10646E NO COMOR

CONT

OB -- APPROXIMATELY 5 VEHICLES.

PING-HSIANG RR TRNSLDG YD STN - SHOPS CH 2284N 10644F NO COMOR
 08 -- 26 FA PIECES, 26 POSSIBLE MORTARS/AAA PIECES, AND
 24 TRUCKS ARE LOCATED IN THE SOUTHWEST TRANSSHIPMENT
 YARD, AND APPROXIMATELY 460 PIECES OF ROLLING STOCK
 INCLUDING 10 FLATCARS EACH WITH AN UNIDENTIFIED
 VEHICLE/PIECE OF EQUIPMENT ARE LOCATED THROUGHOUT THE
 RAILYARDS. TWENTY UNIDENTIFIED VEHICLES ARE IN THE
 MAIN CLASSIFICATION YARD.

25X1

COMPLEXES

PING-HSIANG COMPLEX CH 2286N 10645E [REDACTED]
 CONSTRUCTION STATUS OF BUILDINGS AT 22-85-28N
 106-44-10E REPORTED [REDACTED]

25X1

25X1

25X1

[REDACTED] IS AS FOLLOWS -- 4 VEHICLE SHEDS AND 1 OTHER
 BUILDING ARE COMPLETE, 12 BUILDINGS ARE IN VARIOUS
 STAGES OF CONSTRUCTION. CONSTRUCTION HAS BEGUN ON AT
 LEAST 3 ADDITIONAL BUILDINGS. ONE HUNDRED FIFTY-TWO
 TRUCKS AND APPROXIMATELY 410 OTHER VEHICLES OBSERVED
 PARKED THROUGHOUT THE COMPLEX.

25X1

DONG DANG RAILROAD YARD VN 2156N 10641F [REDACTED]
 APPROXIMATELY 25 PIECES OF ROLLING STOCK OBSERVED IN
 CLOUD-FREE AREAS.

25X1

BAC GIANG COMPLEX VN 2116N 10611E [REDACTED]
 NO EVIDENCE OF TROOP OR SUPPLY BUILD-UP OBSERVED. NO
 WEAPONS, VEHICLES, EQUIPMENT, OR DEFENSES OBSERVED.

25X1

CAO BANG MILITARY COMPLEX VN 2239N 10615E [REDACTED]
 IDENTIFICATION ONLY.

25X1

LAI CHAU COMPLEX VN 2203N 10309E [REDACTED]
 IDENTIFICATION ONLY.

25X1

LANG SON COMPLEX VN 2151N 10645E [REDACTED]
 IDENTIFICATION ONLY.

25X1

TEN BAI COMPLEX VN 2141N 10452E [REDACTED]
 IDENTIFICATION ONLY.

25X1

DIEN BIEN PHU COMPLEX VN 2122N 10301F [REDACTED]
 NO APPARENT CHANGE IN FACILITIES SINCE BLACK SHIELD

25X1

[REDACTED]
 NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
 PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

KEP COMPLEX VN 2124N 10617E [REDACTED]
 IDENTIFICATION ONLY.

25X1

LAO CAI COMPLEX VN 2238N 10358E [REDACTED]
 NO EVIDENCE OF TROOP BUILD-UP OBSERVED. A NEW STORAGE
 AREA LOCATED 1.5 NM SE OF THE COMPLEX AT 22-28-56N
 104-08-08E QUTM UK972863A CONTAINS APPROXIMATELY 32
 DISPERSED BUILDINGS. A SECOND STORAGE AREA IS LOCATED
 1.8 NM SSW OF THE COMPLEX AT 22-28-55N 103-57-55E QUTM
 UK935848A AND CONTAINS 18 BUILDINGS. NO WEAPONS OR
 VEHICLES OBSERVED IN THE AREA. THE RAILYARD CONTAINS
 43 PIECES OF ROLLING STOCK AND 1 LOCOMOTIVE.

25X1

25X1

25X1

VIET TRI RAILROAD YARD VN 2118N 10526E [REDACTED]
YARD DOES NOT APPEAR TO BE SERVICEABLE. THIRTEEN
PIECES OF ROLLING STOCK OBSERVED.

25X1

25X1

[REDACTED]
YEN VIEN RR CLASSIFICATION YARD VN 2105N 10555E [REDACTED]
CLASSIFICATION YARD CONTAINS 3 SERVICEABLE TRACKS.
SEVEN OF THE 10 TRACKS IN THE YARD HAVE SUSTAINED HEAVY
DAMAGE. THE YARD CONTAINS 98 SERVICEABLE PIECES OF
ROLLING STOCK AND 17 DAMAGED PIECES OF ROLLING STOCK.
NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.
[REDACTED]

25X1

- ND